

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2323	(251/305-308).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:50
L2	18	L1 and (seat\$4 near3 insert\$4 near3 ring\$4)	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L3	238	L1 and (seat\$4 near3 ring \$4)	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L4	82	L1 and (seat\$4 near3 insert\$4)	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L5	1	("20080023664").FN.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L6	1	L5 and (fitting near3 (protrusion of groove))	US-PGPUB; USPAT	OR	ON	2009/07/21 10:50
L7	17	{"20050183705"   "3502299"   "3640499"   "4025050"   "4259980"   "4667883"   "5531205"   "5664760"   "5876015"   "5531205"   "5979053"   "6138988"   "6427975"   "6505643"   "6722137"   "6761348"   "7055800"   "7077383").FN.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L8	1	L5 and "annular groove"	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L9	417	(251/363).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L10	234	(251/362).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:50
L11	382	(251/361).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:51
L12	596	(251/360).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:51
L13	444	(251/359).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:51
L14	105	(251/307).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:51
L15	629	(251/306).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:51
L16	2602	(251/360-363).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:51

L17	71	L16 and (butterfly\$4 or L14 or L15)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:51
L18	629	(251/306).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:52
L19	105	(251/307).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/07/21 10:52
L20	2	((NORIMITSU) near2 (KAI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:52
L21	5	((TATSUYA) near2 (SAKAGAMI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:52
L22	1	("2972566").PN.	FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/21 10:53
L23	13	("3311128"   "3537683"   "3782684"   "4225113"   "4685611").PN. OR ("4998708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:53
L24	27	("1251453"   "3485476"   "3502299"   "3601360"   "3656712"   "3666235"   "3910555"   "3960177"   "4006882"   "4022424"   "4025050"   "4259980"   "4351511"   "4489917"   "4516597"   "4917350"   "5102097").PN. OR ("5876015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:53
L25	16	("3485476"   "3502299"   "3601360"   "3656712"   "3666235"   "3910555"   "3960177"   "4022424"   "4489917"   "4917350"   "4996769"   "5102097"   "5826336").PN. OR ("5979053").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:53
L26	9	("3502299").URPN.	USPAT	OR	OFF	2009/07/21 10:53
L27	3266	(251/359-363).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 10:53
L28	165	27 and step	US-PGPUB; USPAT	OR	ON	2009/07/21 10:53
L29	55	27 and step and lock\$4	US-PGPUB; USPAT	OR	ON	2009/07/21 10:54

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